

AMENDMENTS TO THE SPECIFICATION

Please replace the paragraph on page 24, line 24 through page 25, line 8 with the following amended paragraph:

Fig. 9B shows a block diagram illustrating a structure of a wireless device formed of a receiver and a transmitter in accordance with the third embodiment of the present invention. The wireless device of the present invention receives signals at antenna 1101a, and the signals undergo a delay-composition process in distributing circuit 1102, delay circuit 1103, and delay pulse composition circuit 1104. Reception demodulator 1105 demodulates the signals supplied from circuit 1104, ~~and~~. Reception demodulator 1105 can work as a communication state determining circuit for ~~determines~~ determining the communication status as well as an interference detecting circuit for detecting whether or not interference wave exists, namely, demodulator 1105 detects coexistence status. Based on the information of the detection, pulse-sequence-time setting circuit 1106 sets a pulse-sequence-time. Pulse generating circuit 1107 generates pulses based on an output from circuit 1106, and transmits the pulses from antenna 1101b.